



***Mistral Lan Router ISDN
with 4 Fast Ethernet ports +
BroadBand Interface***



Quick Start Guide V1.0

A02-RI/G2 (September 2003)

Mistral Lan Router ISDN

This handbook is meant to be a short guide, so for further details concerning configuration you have to go to the full manual on the CD. It must be remembered that the apparatus must be carefully put into shape (paying particular attention to the ISDN connection). If you have any doubt turn to qualified personnel or contact Atlantis-Land technical assistance. Atlantis Land will not be considered responsible in case of wrong or bad configuration of the apparatus.

1.1 Package contents

Atlantis Land Mistral Lan Router ISDN, CD-ROM with manual, Quick Start Guide, cable RJ-45 ISDN, cable CAT-5 LAN, RS-232 cable, Power Adapter AC-DC (9V, 1A).

1.2 The Front Panel LEDs

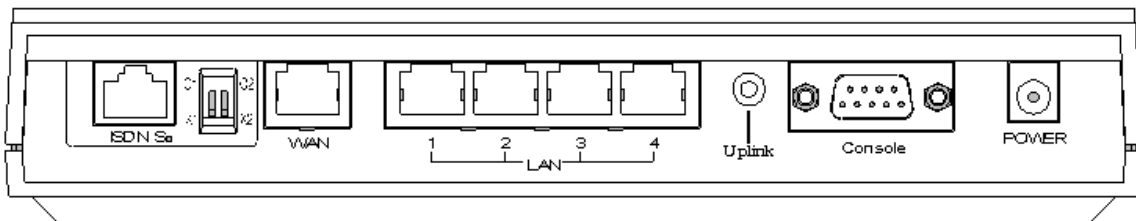


LED		Meaning
1	Power	Lit when AC Power is connected
2-5	Lan Act/Col	Lit Green when connected to a LAN device Flashes Green when sending/receiving data Flashes Yellow when collisions happen
6	Wan Act/Col	Lit Green when connected to a WAN device Flashes Green when sending/receiving data Flashes Yellow when collisions happen

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7	PPP	Lit when there is a PPPoA/PPPoE connection
8	ISDN Sync	Lit when ISDN Layer 1 is activated
9	ISDN B1/B2	Lit Green when B1 channel is activated Lit Yellow when B2 channel is activated Lit Green+Yellow when B1+B2 channels are activated

1.3 The Rear Ports



Port		Meaning
1	Power Jack	Connect the supplied power adapter to this jack.
2	RS232	Connect a RS-232 cable to this port when connecting to a PC's RS-232 port (9-pin serial port).
3	LAN (4 * RJ-45)	Connect an UTP Ethernet cable to one of the four LAN ports when connecting to a PC or an office/home network of 10Mbps or 100Mbps.

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4	WAN(RJ45)	Connect an UTP Ethernet cable to this port when connecting to the Internet (BroadBand).
5	ISDN	Connect to ISDN Line

1.4 Cabling

The most common problem associated with Ethernet is bad cabling or ADSL line. Make sure that all connected devices are turned on. On the front of the product is a bank of LEDs. The product's LAN port is wired just like a Network Adapter's port.

1.5 Default Settings

Mistral Lan Router ISDN can be configured with your Web browser. The web browser is included as a standard application in following operation systems, UNIX, Linux, Mac OS, Windows 95/98/NT/2000/Me, etc. The product provides a very easy and user-friendly interface for configuration.

Before Configuration

This section describes the configuration required by LAN-attached PCs that communicate with the Mistral Lan Router ISDN, either to configure the device, or for network access. These PCs must have an Ethernet interface installed properly, be connected to the Mistral Lan Router ISDN either directly or through an external repeater hub, and have TCP/IP installed and configured to obtain

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an IP address through a DHCP server or a fixed IP address that must be in the same subnet of the Mistral Lan Router ISDN. The default IP address of the Mistral Lan Router ISDN is 192.168.168.230 and subnet mask is 255.255.255.0. The best and easy way is to configure the PC to get an IP address from the Mistral.

Please follow the steps below for PC's network environment installation. First of all, please check your PC's network components. The TCP/IP protocol stack and Ethernet network adapter must be installed. If not, please refer to MS Windows relative manuals.

Before you configure this Router, you need to know the following default settings:

- Password: **password**
- IP address (**192.168.168.230**), Subnet Mask (**255.255.255.0**)
- DHCP Server enable (from **192.168.1.1** to **192.168.1.254**)

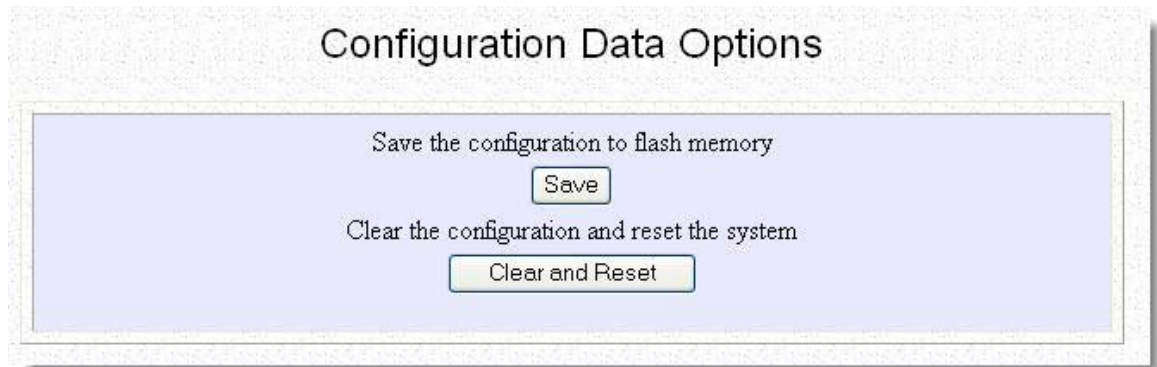
1.6 IE Configuration

Now open IE, go to **Instruments** menu, select the **Connections** tab and select one of the following options:

- Never use remote connection
- Use remote connection if another network connection isn't available

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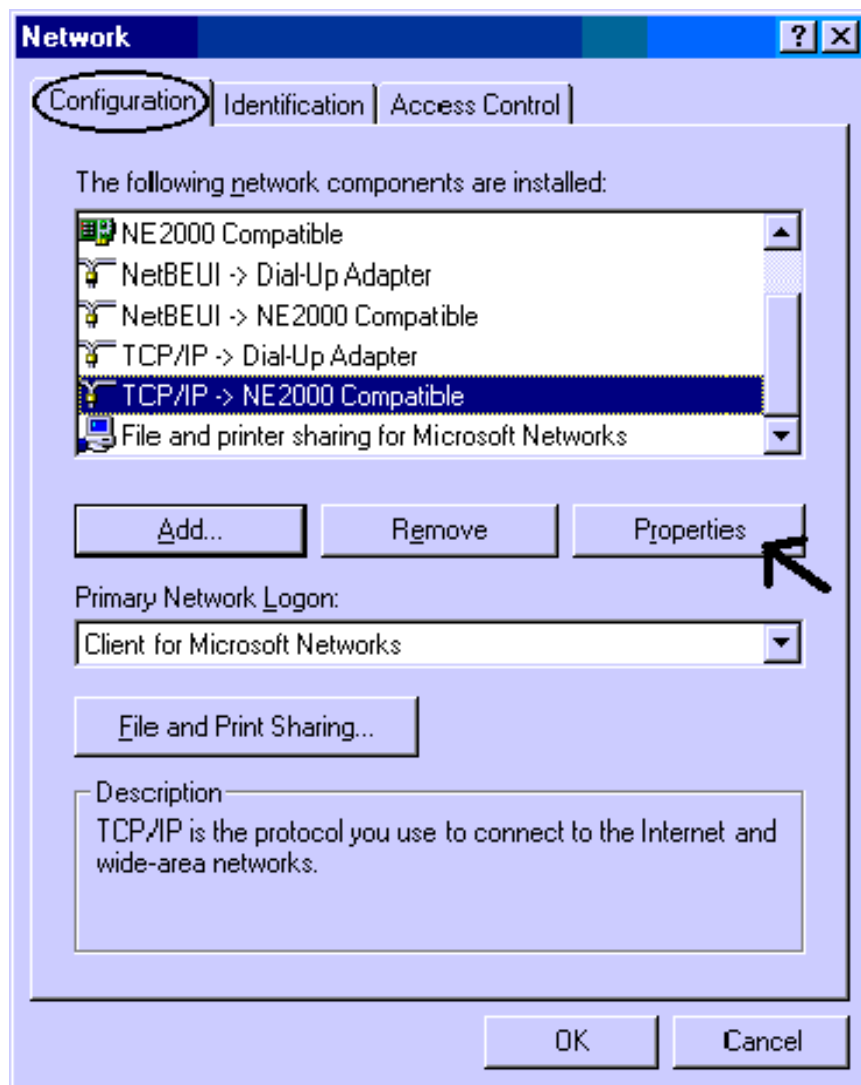
Once finished the configuration of the device it recommends him to save in the Flash. Click on **Configuration Data Options** (in **System Tools**) and on **Save** button to save settings to flash.



1.7 TCP/IP Configuration

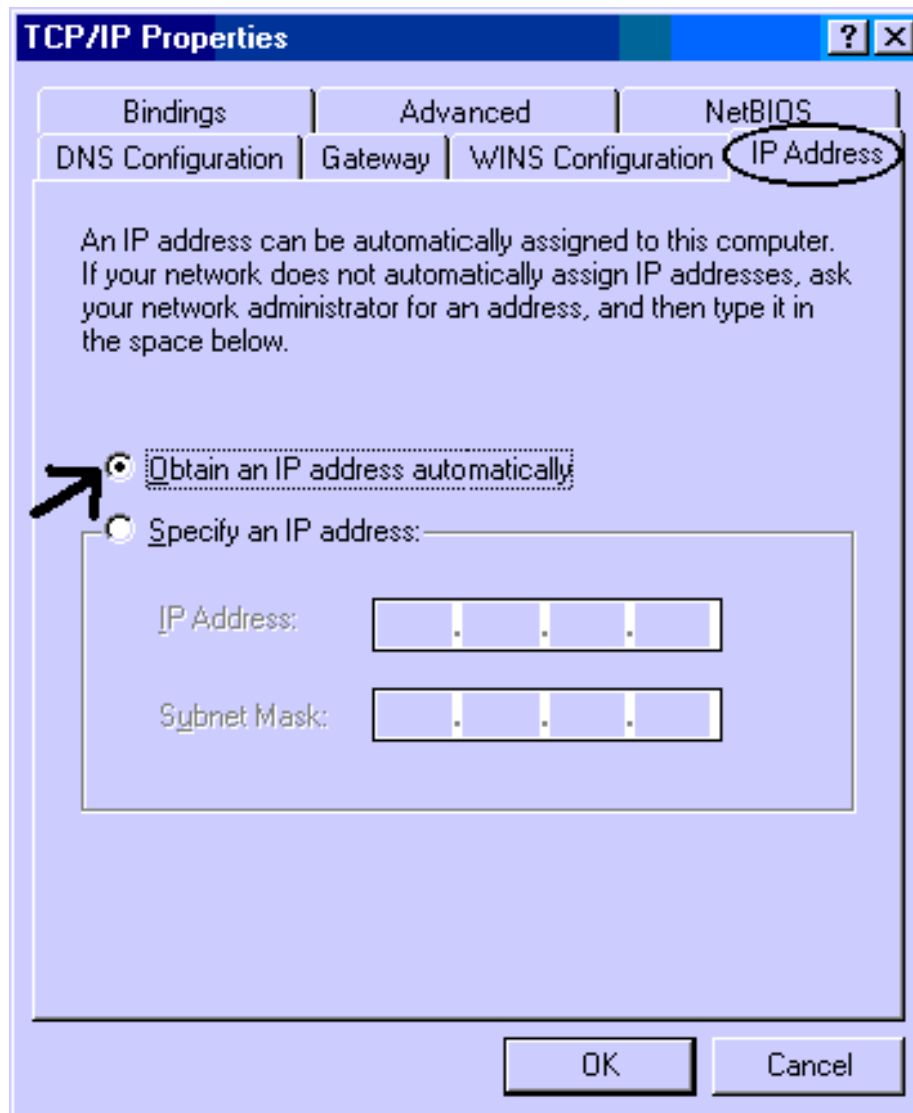
Configuring PC (Windows 95/98/ME)

1. Go to **Start / Settings / Control Panel**. In the Control Panel, double-click on **Network** and choose the **Configuration** tab.
2. Select **TCP / IP -> NE2000 Compatible**, or the name of any Network Interface Card (NIC) in your PC.
3. Click **Properties**.

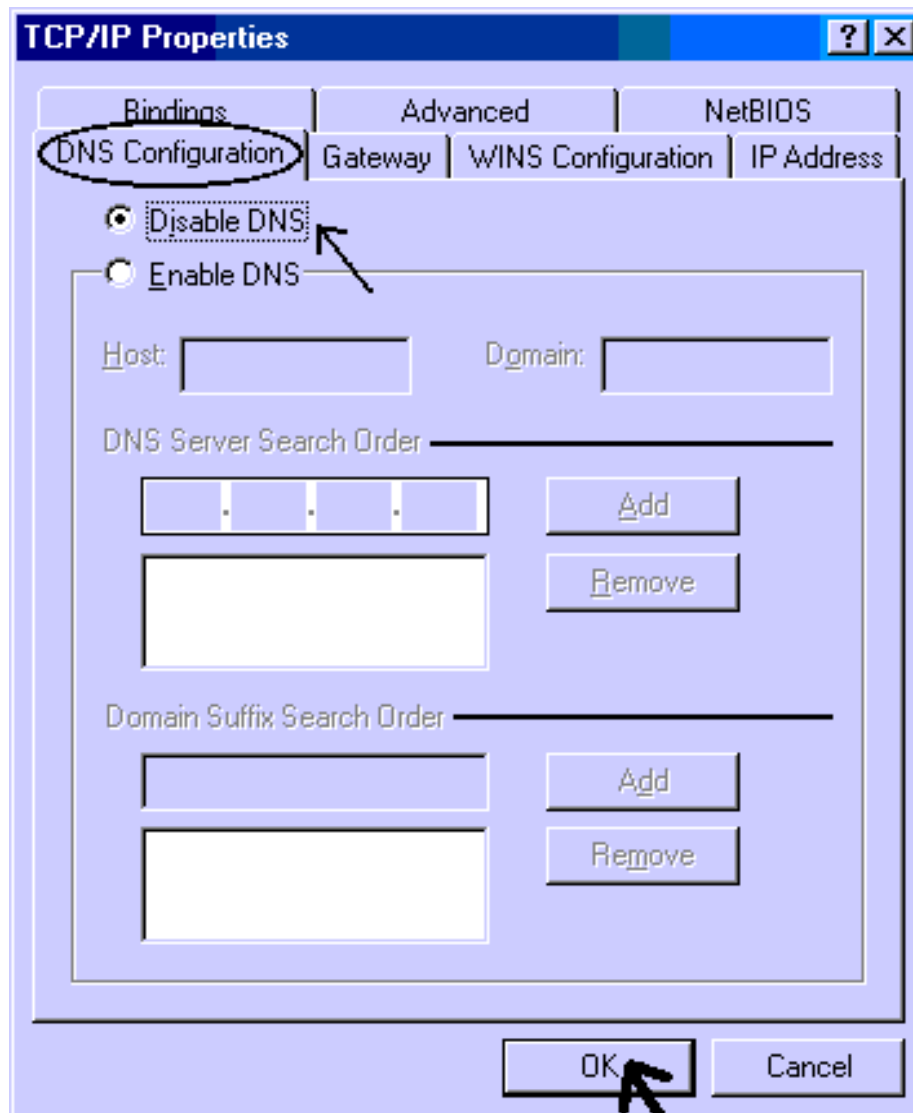


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4. Select the **IP Address** tab. In this page, click the **Obtain an IP address automatically** radio button.
5. Then select the **DNS Configuration** tab.
6. Select the **Disable DNS** radio button and click “**OK**” to finish the configuration.

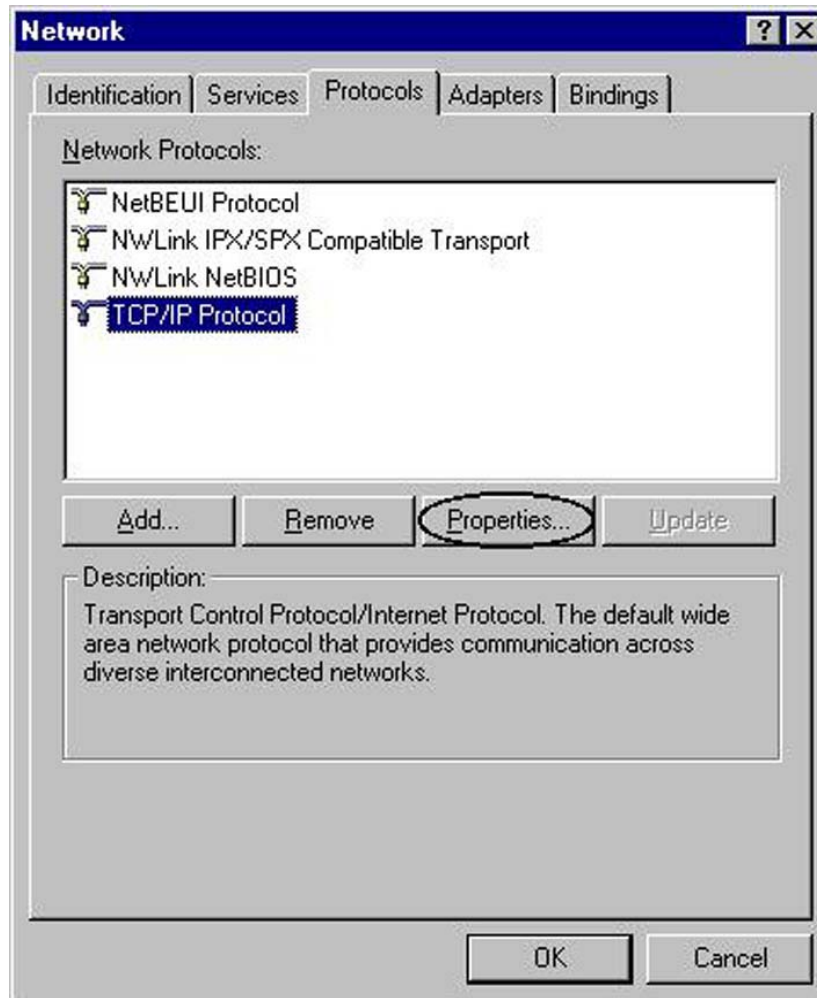


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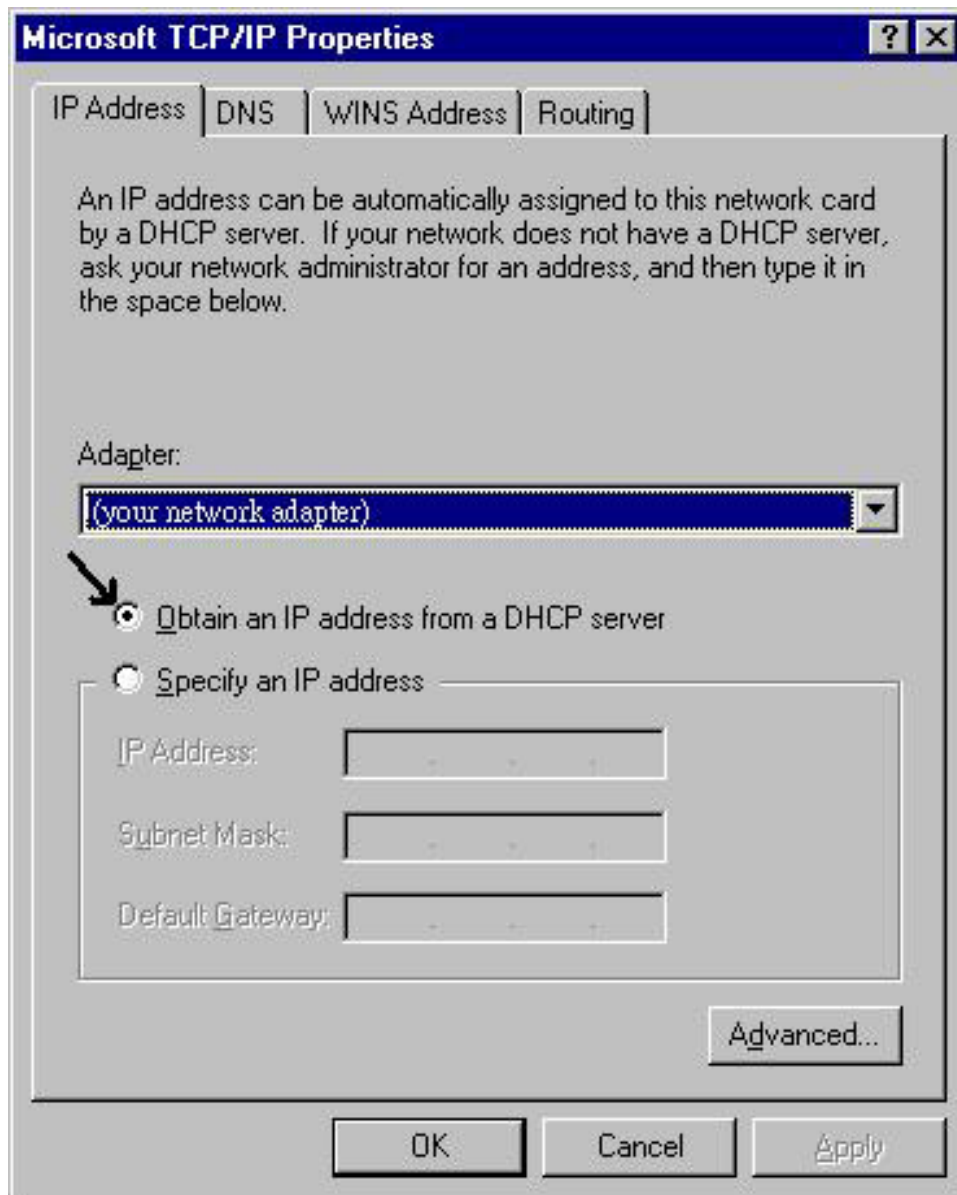
Configuring PC (Windows NT4.0)

1. Go to **Start / Settings / Control Panel**. In the Control Panel, double-click on **Network** and choose the **Protocols** tab.
2. Select **TCP/IP Protocol** and click **Properties**.



3. Select the **Obtain an IP address from a DHCP server** radio button and click **OK**.

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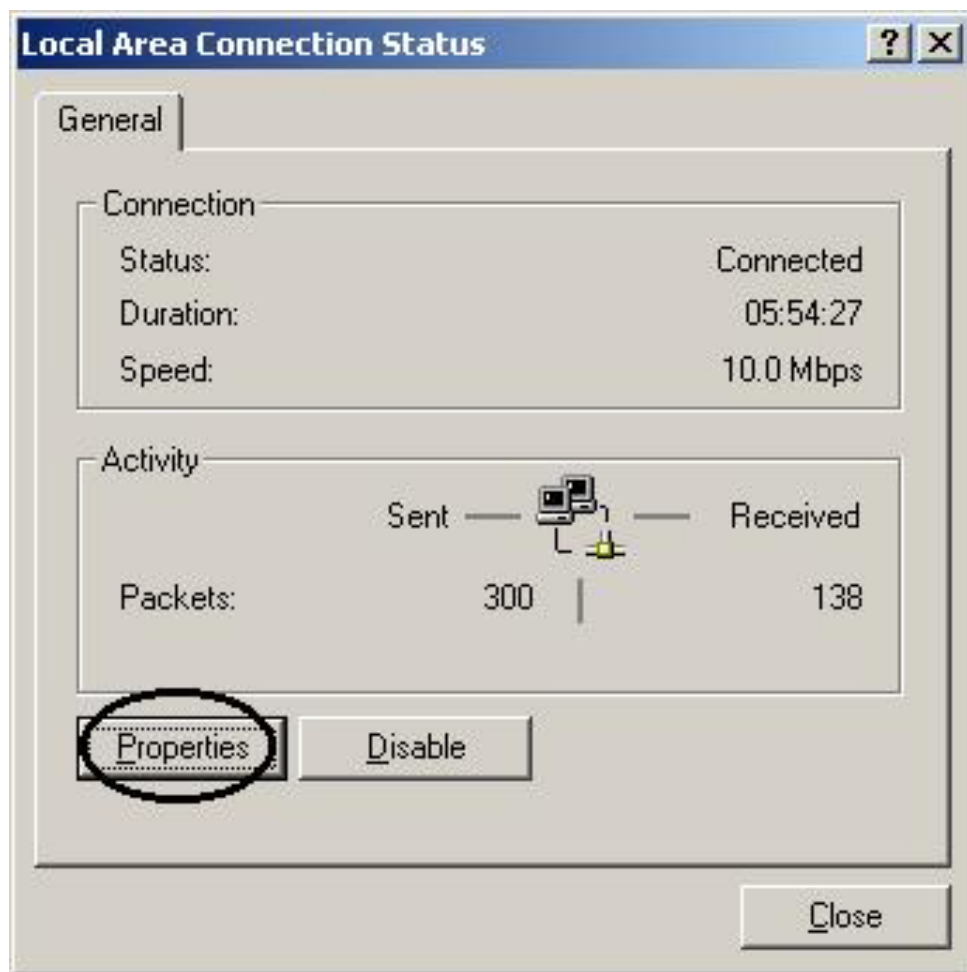
Configuring PC (Windows 2000)

1. Go to **Start / Settings / Control Panel**. In the Control Panel, double-click on **Network and Dial-up Connections**.
2. Double-click **LAN Area Connection**.



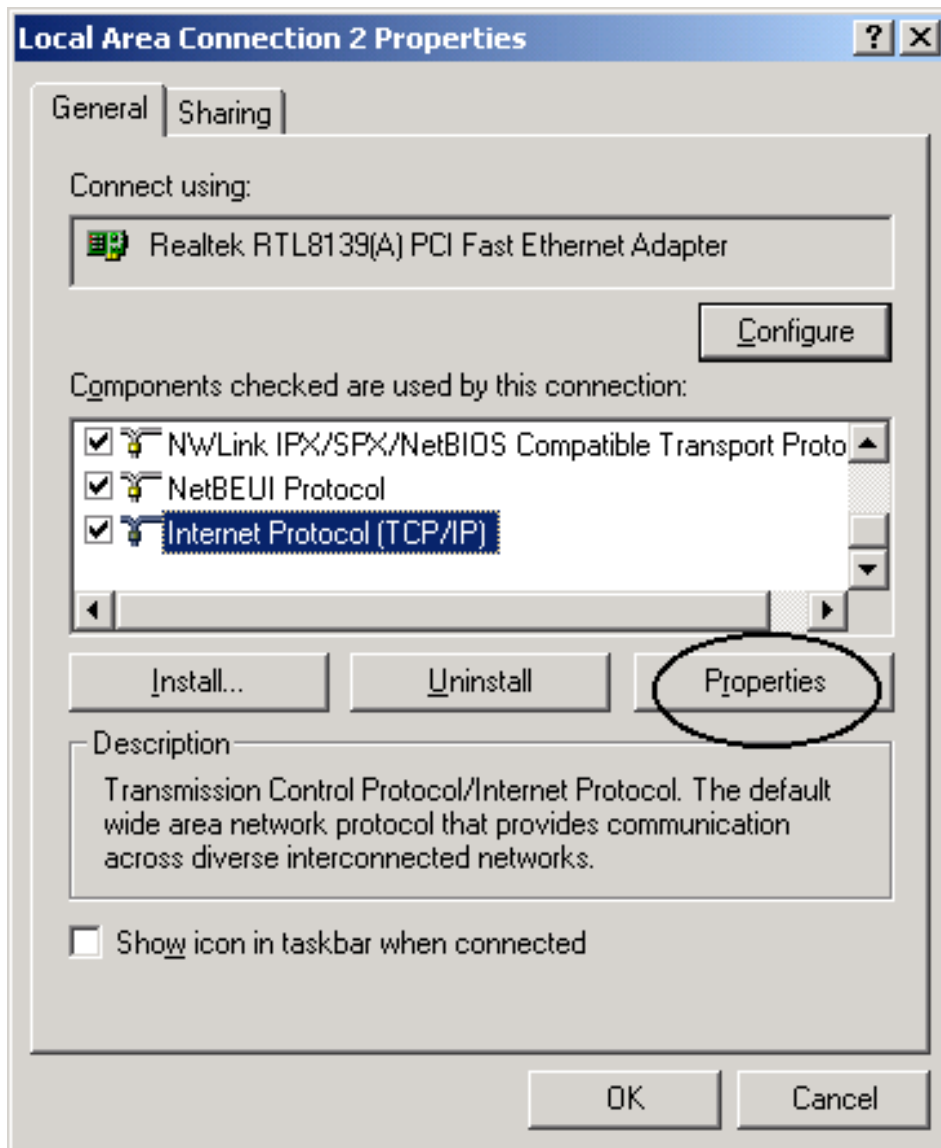
3. In the **LAN Area Connection Status** window, click **Properties**.

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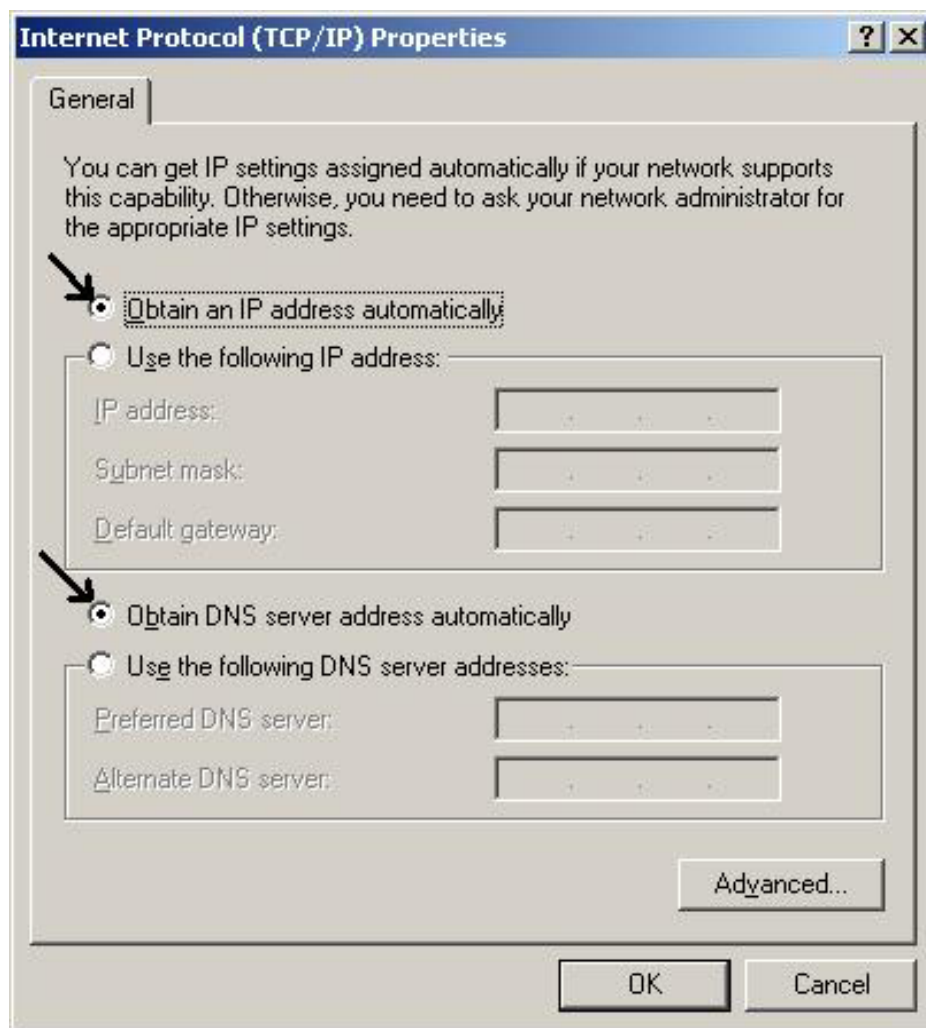
4. Select **Internet Protocol (TCP/IP)** and click **Properties**.

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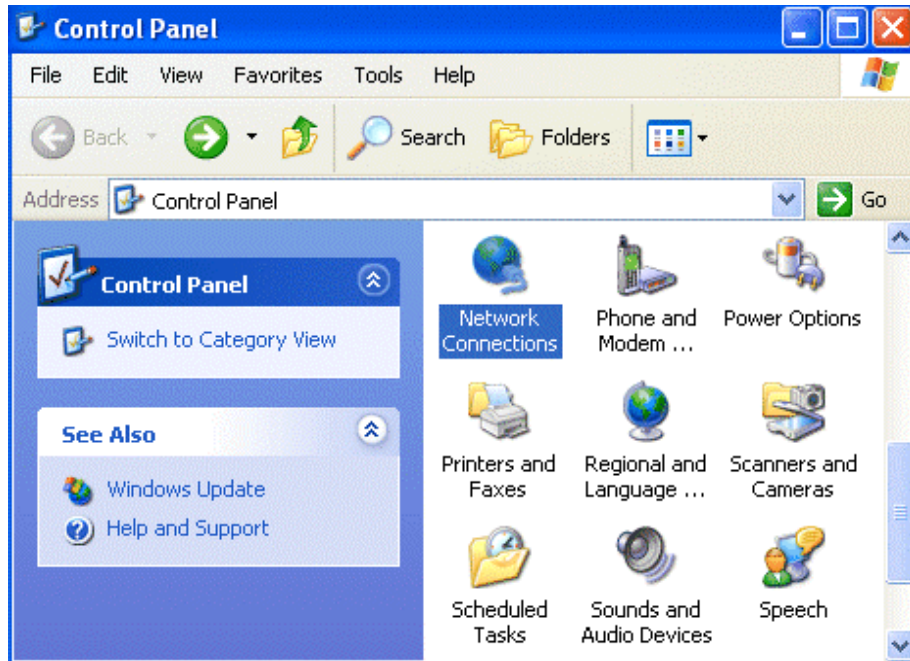
5. Select the **Obtain an IP address automatically** and the **Obtain DNS server address automatically** radio buttons.
6. Click **OK** to finish the configuration.

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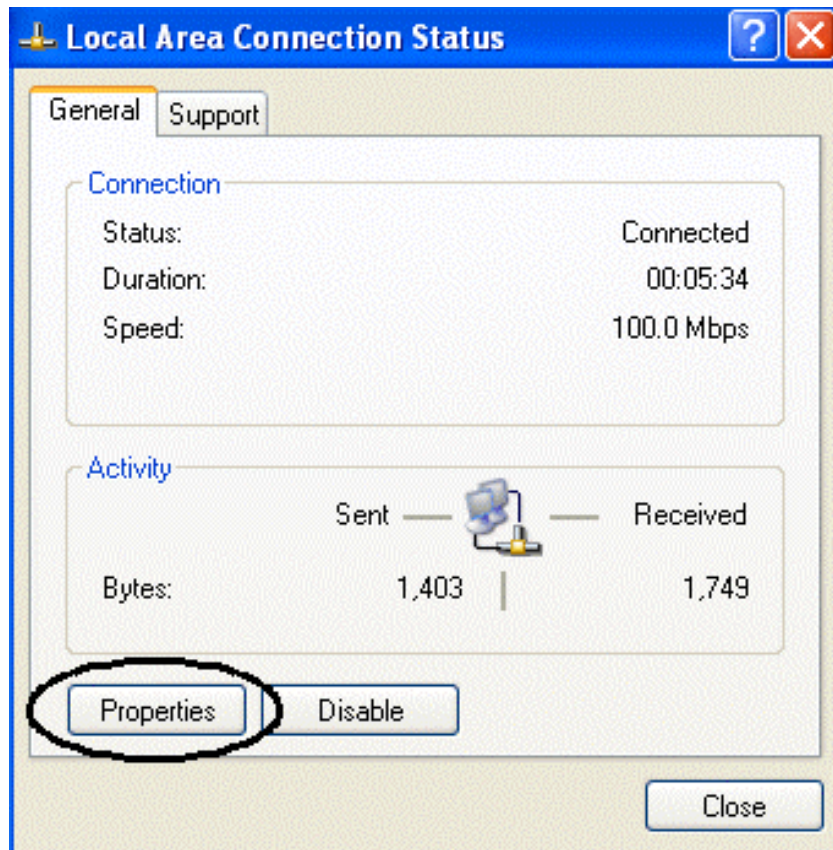
Configuring PC (WindowsXP)

1. Go to **Start / Control Panel (in Classic View)**. In the Control Panel, double-click on **Network Connections**.
2. Double-click **Local Area Connection**.



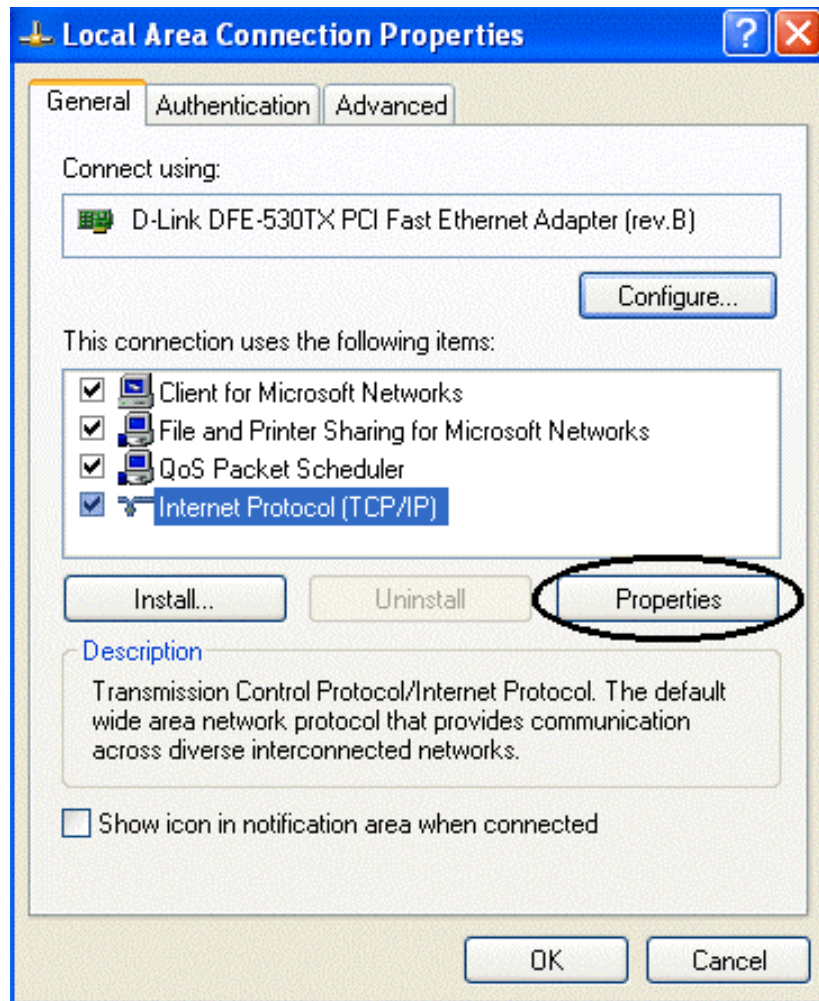
3. In the **LAN Area Connection Status** window, click **Properties**.

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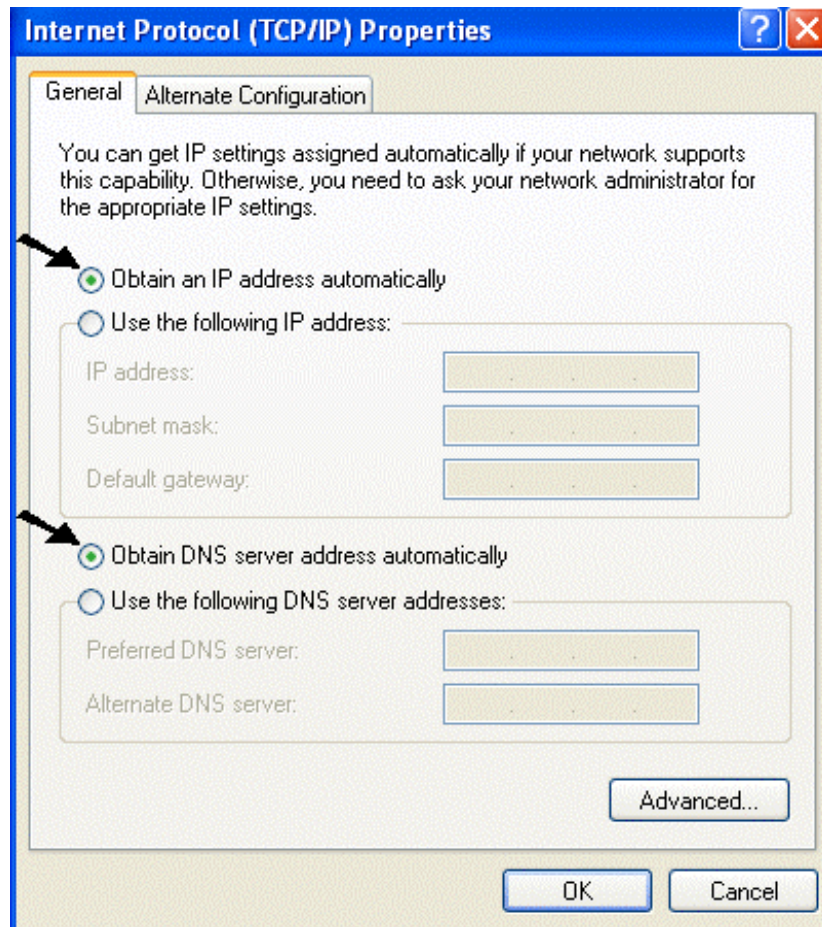
4. Select **Internet Protocol (TCP/IP)** and click **Properties**.

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5. Select the **Obtain an IP address automatically** and the **Obtain DNS server address automatically** radio buttons.
6. Click **OK** to finish the configuration

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1.8 Router Configuration

Open the web browser, enter the local port IP address of this Mistral Lan Router ISDN, which default at **192.168.168.230**, and click “Go” to get the login page.



The default password is **password** and click “Log On!” to continue.

Broadband Router Manager

Please enter your password:

●●●●●●●●

Log On!

(Forget your password? - see the User Guide for instructions.)

Select **Basic Internet Access** or **Internet Access with Advanced Configuration** and click on **Next**.

Broadband Router Manager

Select one or more items to be configured during this management session

- ☐ Access to/from Remote Site (e.g., Branch Office)
- ☐ Dial-in Access for Off-Site Users
- ☒ Basic Internet Access
- ☐ Internet Access with Advanced Configuration

Next

Now you face the menu and you have to choose between Internet access via **EWAN (for this a Broadband and a modem Ethernet connection is necessary)** or via **ISDN. Just click on the respective button.** If you want to use ISDN connectivity choose **I use Internet access over ISDN** option.

Broadband Router Manager

Select the network interface for Internet access

- ☒ I use Internet access over ISDN
- ☐ I use Internet access over EWAN

Next

1.9 EWAN

Click on **Configuration, EWAN**.

Internet Access Configuration
EWAN

Profile Name	ewanisp			
Obtain IP Addresses Automatically	No			
EWAN IP Address				
EWAN IP Netmask				
ISP Gateway IP Address				
Primary DNS IP Address				
Secondary DNS IP Address				

Click on **Backup** to configure ISDN backup settings.

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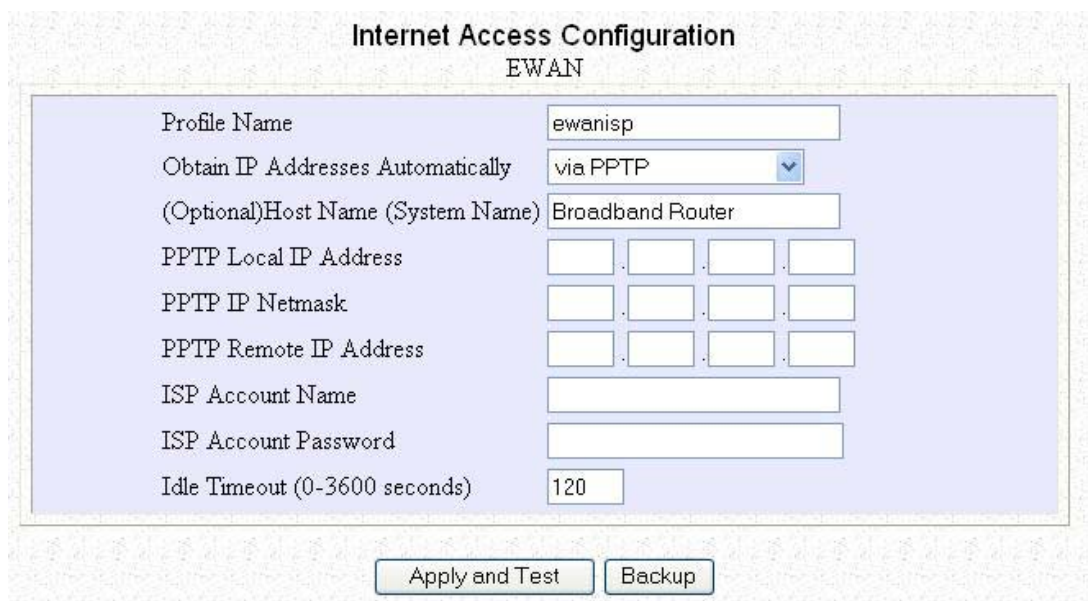
You need to make a decision about **Obtain IP Address Automatically**. Available options are via **PPP over Ethernet**, via **DHCP**, via **PPTP** or **NO**. Go to the respective paragraph.



via PPTP
via PPP over Ethernet
via DHCP
No

[via PPTP]

First you need to connect an apparatus supporting PPTP or PPoA protocols for the EWAN interface and you also need an ADSL subscription .



Internet Access Configuration
EWAN

Profile Name	ewanisp
Obtain IP Addresses Automatically	via PPTP
(Optional) Host Name (System Name)	Broadband Router
PPTP Local IP Address	
PPTP IP Netmask	
PPTP Remote IP Address	
ISP Account Name	
ISP Account Password	
Idle Timeout (0-3600 seconds)	120

Apply and Test Backup

Insert the following settings:

- PPTP Local IP Address=Wan IP address
- PPTP IP Netmask=Subnet Mask
- PPTP Remote IP Address=PPTP Server IP Address (in normally ADSL router)

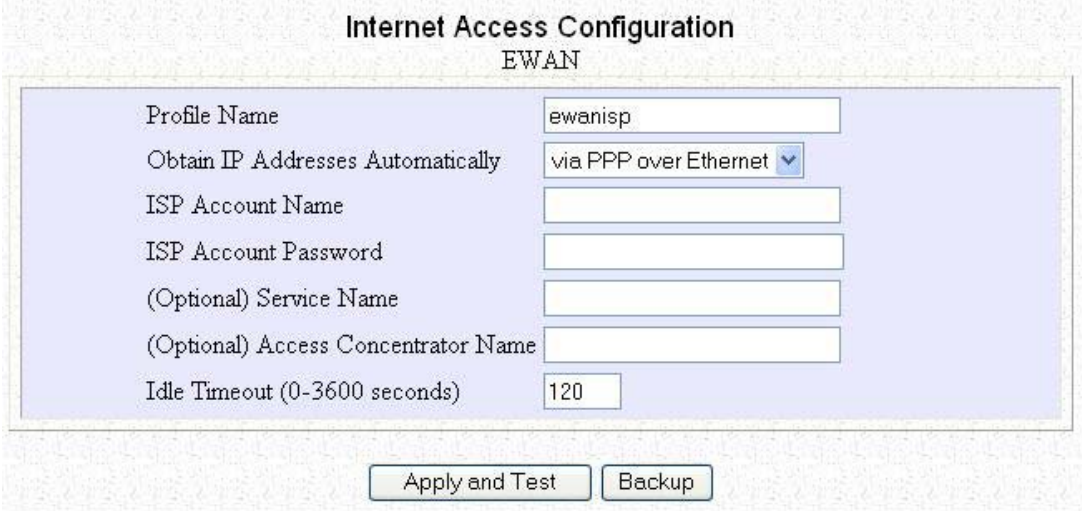
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- ISP Account Name=ISP Account Username
- ISP Account Password=ISP Account Password

Click on **Apply and Test** to test configuration..

[via PPP over Ethernet]

First you have to connect an Ethernet modem to the EWAN interface and you must have an ADSL connection with PPPoE(RFC2516) subscription at your disposal .The following screen will be displayed. Enter the following information and then click **Apply and Test**.



The image shows a web-based configuration interface titled "Internet Access Configuration" with a subtitle "EWAN". The interface contains several input fields and a dropdown menu. The "Profile Name" field is filled with "ewanisp". The "Obtain IP Addresses Automatically" dropdown menu is set to "via PPP over Ethernet". The "ISP Account Name", "ISP Account Password", "(Optional) Service Name", and "(Optional) Access Concentrator Name" fields are empty. The "Idle Timeout (0-3600 seconds)" field is filled with "120". At the bottom of the form, there are two buttons: "Apply and Test" and "Backup".

Internet Access Configuration EWAN	
Profile Name	ewanisp
Obtain IP Addresses Automatically	via PPP over Ethernet ▼
ISP Account Name	
ISP Account Password	
(Optional) Service Name	
(Optional) Access Concentrator Name	
Idle Timeout (0-3600 seconds)	120

Apply and Test Backup

[via DHCP]

The following screen will be displayed. Enter the following information and then click **Apply**.

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Internet Access Configuration
EWAN

Profile Name	ewanisp
Obtain IP Addresses Automatically	via DHCP
(Optional) Host Name (System Name)	Broadband Router

Apply Backup

[No]

First you need to connect an apparatus to deal with connectivity .
The following screen will be displayed.

Internet Access Configuration
EWAN

Profile Name	ewanisp
Obtain IP Addresses Automatically	No
EWAN IP Address	
EWAN IP Netmask	
ISP Gateway IP Address	

Apply Backup

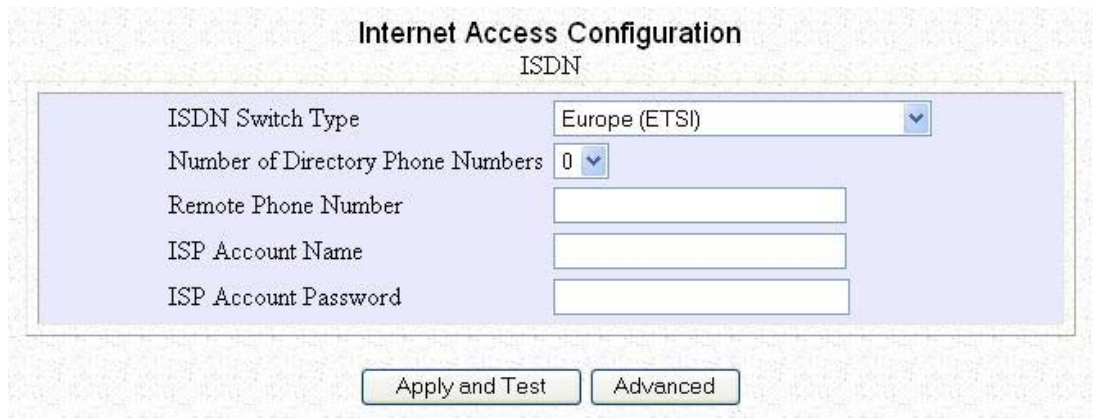
Enter the following information:

- EWAN IP Address=Wan IP Address
- EWAN IP Netmask=Subnet Mask
- ISP Gateway IP Address= Gateway IP address (normally Router/Bridge with integrated connectivity).

1.10 ISDN

Click on **Configuration, ISDN**.

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The screenshot shows a web-based configuration interface for a Mistral LAN Router. The main heading is "Internet Access Configuration" with a sub-heading "ISDN". Below this is a light blue rectangular box containing five configuration fields: "ISDN Switch Type" with a dropdown menu set to "Europe (ETSI)", "Number of Directory Phone Numbers" with a dropdown menu set to "0", "Remote Phone Number" with an empty text input field, "ISP Account Name" with an empty text input field, and "ISP Account Password" with an empty text input field. Below the blue box are two buttons: "Apply and Test" and "Advanced".

Insert ISP account informations:

- Remote Phone Number=ISP phone number
- ISP Account Name=Username
- ISP Account Password=Password

Then click **Apply and Test**.

If the test is successful, your users will be ready to access Internet. If not, the device will try to give you enough information to let you know why the connection is not successful.